

THUIDIUM, Schimper.

Th. Campbellianum, Hampe.

New Hebrides, F. A. Campbell.

DAWSONIA, R. Brown.

D. superba, Greville.

Owen Stanley's Range, New Guinea, Rev. J. Chalmers.

[These have not yet been obtained in fruit; the foliage seems slightly different from that of the typical Australian species; hence I had distributed this grand moss as *D. Papuana*.—F.v.M.]

DEFINITIONS OF SOME NEW AUSTRALIAN FUNGI.

BY THE REV. C. KALCHBRENNER.

Agaricus (Lepiota) rhytipelta, F. v. Mueller.

Pileo carnosō, ovato-campanulato, primum umbrino, in umbone glabro, dein peripheriam versus in squamas validas dissimilante subquibus albo sericeo-striato; stipite subaequali basi bulbiformi dilatato, glabro, albo, deorsum fuscescente; annulo mobili membraneo, persistente; lamellis liberis, ventricosis, latis, subconfertis.

Lake Muir, Thomas Muir; Muellersville, near Rockhampton, Madame Thozet; Western Port, Miss M. Lewellin. Habitus Ag. *Aeypeslaris* (Bulliard), sed major et annulus mobilis. Pileus 1-1½ uncias latus; stipes 3-4 uncias longus, 2-3 lineas crassus.

Agaricus (Mycena) acutatus, Kalchbr. & F. v. M.

Ab. A. filopede (Bulliard) cui proximus, conspicue differt pileo atro-cinereo, conico, *acuto*, 3 lineas alto, 2 lineas lato, stipite filiformi ad 4-5 pollices elongato, pallido.

Western Port, Miss M. Lewellin.

Agaricus (Omphalia) glaucescens Kalchbrenner.

Pusillus, pileo infundibulari; margine parum reflexo, 2-3 lineas lato, glauco (grey sagegreen); stipite filiformi laxo $\frac{1}{2}$ -1 pollicem longo, cum lamellis decurrentibus angustis subconfertis flavo-virente.

Western Port, Miss M. Lewellin.

Hygrophorus gilvus, Kalchbrenner.

Statura Hygr. Virginea (Fries), and totus fungus aurantio-gilvus, ultra pollicem longus, pileo umbilicato, dein infundibulari, 3-4 lineas lato, stipite pallidiore sursum incrassato cum lamellis in conum decurrente.

Western Port, Miss M. Lewellin.

Cum H. coccineo (Fries) ob lamellas *longe* decurrentes non conjugendus.

Hygrophorus (Hygrooybe) Lewellinae, Kalchbrenner.

Totus lilacinus, ad pilei umbilicum saturatior, ad stipitis basim dilutior; pileo convexo leviter umbilicato, demum revoluto et fissili, sesqui-unciam et ultra lato; stipite fistuloso, aequali, nudo, $1\frac{1}{2}$ uncias longo, 2-3 lineas crasso; lamellis adnexis ventricosis, latiusculis, subdistantibus.

Western Port, Miss M. Lewellin. Fungus perelegans.

Clavaria Kalchbrenneri, F. v. Mueller.

Tenuis, pallide luteo-aurantia, subcaespitosa; trunco tenui, nudo; ramis brevibus, acutis, dichotomis aut fasciculatis.

Western Port, Miss M. Lewellin.

Inter Cl. flaccidam et Cl. croceam media.

Clavaria lurida, Kalchbrenner.

106 SPECIES OF GALAXIAS FOUND IN THE AUSTRALIAN ALPS,

Caespitosa, ramosissima, sordide albida : trunco tenui ; ramis ramulisque congestis, elongatis, acutis, siccitate fuscescentibus et subfiliformibus.

Western Port, Miss M. Lewellin.

Polyporus (Pleuropus) Strangerii, F. v. Mueller.

Pileo suberoso-coriaceo, eumorpho, reniformi, convexo, subumbilicato, azono, impolito, unbrino-nigrescente ; stipite brevi cylindrico incurvo incrustato undique nigro ; poris minimis, rotundis, obtusis, cum substantia pilei niveis.

Riverina, C. F. Stranger, Esq.

Pol. melanopodi (Fries) proximus. Pileus 1-1½ pollices latus, 1-2 lineas crassus, margine acuto incurvus. Stipes vix 3 lineas longus, 2 lineas crassus, basi in discum dilatatus.

Wallendorf, December, 1881.

ON A SPECIES OF *Galaxias* FOUND IN THE AUSTRALIAN ALPS.

By WILLIAM MACLEAY, F.L.S., &c.

I received from Baron von Mueller a few days ago, two specimens of a small fish which inhabits the icy ponds of the snowy range in the neighbourhood of Mt. Kosciusko. The Baron writes as follows : "I saw the same little creature in several of the waters high up in the Alps, during my exploration of the Snowy Mountains in 1853-4, and 1855, and again in later years when travelling, but I was in the then pathless alpine regions, unable to preserve zoological specimens. When in 1874, I for the second time ascended Mt. Kosciusko, I saw this species of fish again in the little glacier ponds, but missed catching any, my time being so much occupied, during my brief stay on the snowy summit, in the pursuit of plants."